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(71) Applicant (for all designated States except US): **WYETH HOLDINGS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HAGEN, Michael** [US/US]; 12 Summit Oaks, Pittsford, NY 14534 (US).

(74) Agent: **CALNAN, William, H.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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Declarations under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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(54) Title: **MUTANT CHOLERA HOLOTOXIN AS AN ADJUVANT AND AN ANTIGEN CARRIER PROTEIN**

(57) Abstract: The invention relates to a mutant cholera holotoxin having reduced toxicity, which functions both as an adjuvant and an antigen carrier. In a particular embodiment, the cholera holotoxin is genetically modified at least at amino acid residue 29 of the A subunit, wherein the genetic modification comprises an amino acid substitution of the wild-type glutamic acid at position 29, wherein the substitution is not an aspartic acid.